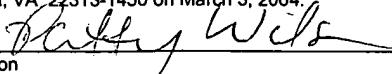


JENKINS
WILSON
& TAYLOR

patent attorneys
March 3, 2004



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 3, 2004.


Patty Wilson
Date of Signature: March 3, 2004

RICHARD E. JENKINS
JEFFREY L. WILSON
ARLES A. TAYLOR, JR.
GREGORY A. HUNT
E. ERIC MILLS
BENTLEY J. OLIVE
MICHAEL J. CROWLEY
*CHRIS PERKINS, PH.D.
**JAMES DALY IV, PH.D.
JEFFREY CHILDERS, PH.D.
OF COUNSEL
SOROJINI BISWAS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/716,204 for
LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
Our Ref. No. 1242/5/2/2

Sir:

Please find enclosed in connection with the subject U.S. patent application the following documents:

1. Information Disclosure Statement (2 pages);
2. Form PTO/SB/08A and PTO/SB/08B (2 pages); and
3. A return-receipt postcard to be returned to us with the U.S. Patent and Trademark Office filing stamp thereon.

The Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

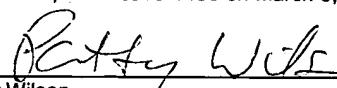
JENKINS, WILSON & TAYLOR, P.A.



Arles A. Taylor, Jr.
Registration No. 39,395

AAT/ptw
Enclosures
Customer No: 25297

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 3, 2004.



Betty Wilson
Date of Signature March 3, 2004

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Brash et al.

Group Art Unit: 1652

Serial No.: 10/716,204

Examiner: Tung, P.

Filed: November 18, 2003

Docket No.: 1242/5/2/2

For: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97, and 1.98, applicants' undersigned attorney brings to the attention of the Patent and Trademark Office the following references. Forms PTO/SB/08A and PTO/SB/08B are attached hereto.

Copies of the cited documents are of record in the file history of U.S. Patent Application Serial No. 09/764,246 filed on January 17, 2001. The above-captioned application claims priority to U.S. Patent Application Serial No. 09/764,246 under 35 U.S.C. § 120, and as per 37 C.F.R. § 1.98, no copies of these cited documents are believed to be required.

Early passage of the subject application to issue is earnestly solicited.

Serial No.: 10/716,204

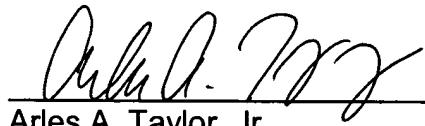
Although it is believed that no fee is due, the Commissioner is hereby authorized to charge any fees associated with the filing of this correspondence to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS, WILSON & TAYLOR, P.A.

Date: 03/03/2014

By:


Arles A. Taylor, Jr.
Registration No. 39,395

1242/5/2/2 AAT/ptw

Enclosures

Customer No: 25297

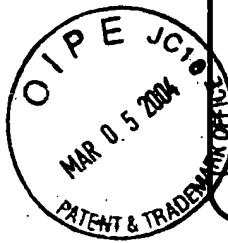
Please type a plus sign (+) inside this box →

PTO/SB/08A (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/716,204
				Filing Date	11/18/2003
				First Named Inventor	Alan R. Brash
				Group Art Unit	
				Examiner Name	.
Sheet	1	of	1	Attorney Docket Number	1242/5/2/2

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/716,204
(use as many sheets as necessary)		Filing Date	11/18/2003
		First Named Inventor	Alan R. Brash
		Group Art Unit	
		Examiner Name	
Sheet	1	of	1
		Attorney Docket Number	1242/5/2/2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	C1	BRASH ET AL., "Discovery of a Second 15S-lipoxygenase in Humans," Proc. Natl. Acad. Sci. USA, Vol. 94, p. 6148-6152, (1997).		X
	C2	FUNK ET AL., "Native and Mutant 5-lipoxygenase Expression in a Baculovirus/Insect Cell System," Proc. Natl. Acad. Sci. USA, Vol. 86, p. 2592-2596, (1989).		X
	C3	FURSTENBERGER ET AL., "Characterization of an 8-Lipoxygenase Activity Induced by the Phorbol Ester Tumor Promoter 12-O-Tetradecanoylphorbol-13-acetate in Mouse Skin in Vivo," J. Biol. Chem., Vol. 266 (No. 24), p. 15738-15745, (1991).		X
	C4	JISAKA ET AL., "Molecular Cloning and Functional Expression of a Phorbol Ester-inducible 8S-Lipoxygenase from Mouse Skin," J. Biol. Chem., Vol. 272 (No. 26), p. 24410-24416, (1997).		X
	C5	KRIEG ET AL., "cDNA Cloning of a 8-Lipoxygenase and a Novel Epidermis-type Lipoxygenase from Phorbol Ester-treated Mouse Skin," Biochim. Biophys. Acta, Vol. 1391, p. 7-12, (1998).		X
	C6	LEE ET AL., "Generation of cDNA Probes Directed by Amino Acid Sequence: Cloning of Urate Oxidase," Science, Vol. 239, p. 1288-1291, (1988).		X
	C7	MATTHEWS ET AL., "Biochemistry," The Benjamin /Cummings Publ. Co., Inc. (Redwood City, CA), p. 156-161, (1990).		X
	C8	NGUYEN ET AL., "Evaluation of the Role of Conserved His and Met Residues Among Lipoxygenases by Site-Directed Mutagenesis of Recombinant Human 5-Lipoxygenase," J. Biol. Chem., Vol. 266 (No. 32), p. 22057-22062, (1991).		X
	C9	REDDY ET AL., "Expression, Purification, and Characterization of Porcine Leukocyte 12-Lipoxygenase Produced in the Methylotropic Yeast, Pichia Pastoris," Biochem. Biophys. Res. Comm., Vol. 205 (No. 1), p. 381-388, (November 30, 1994).		X
	C10	MARRA ET AL., "GenBank, Accession No. AA117154."		X
	C11	NCI-CGAP, "GenBank, Accession No. AA470333."		X

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.